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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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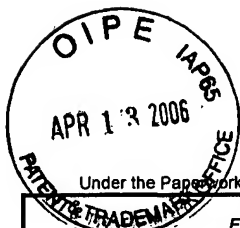
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/751,328	
	Filing Date	December 31, 2003	
	First Named Inventor	Feng XIE	
	Art Unit	2671	
	Examiner Name	S. Broome	
Total Number of Pages in This Submission	19	Attorney Docket Number	590282001100

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form + duplicate for fee processing (2 pages) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (16 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP (Customer No. 25226)		
Signature			
Printed name	Norman R. Klivans		
Date	April 12, 2006	Reg. No.	33,003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV456358214US, in an envelope addressed to: MS AMENDMENT Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: April 12, 2006	Signature: (Georgina Matos)



PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

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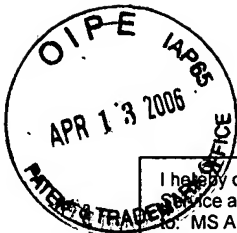
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<p>Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">For FY 2005</h3>		<p>Complete if Known</p>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/751,328
		Filing Date	December 31, 2003
		First Named Inventor	Feng XIE
		Examiner Name	S. Broome
		Art Unit	2671
TOTAL AMOUNT OF PAYMENT (\$) 550.00		Attorney Docket No.	590282001100

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>03-1952</u> Deposit Account Name: <u>Morrison & Foerster LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

FEE CALCULATION																						
1. BASIC FILING, SEARCH, AND EXAMINATION FEES																						
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)															
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)																
Utility	300	150	500	250	200	100	0.00															
Design	200	100	100	50	130	65	0.00															
Plant	200	100	300	150	160	80	0.00															
Reissue	300	150	500	250	600	300	0.00															
Provisional	200	100	0	0	0	0	0.00															
2. EXCESS CLAIM FEES																						
							Small Entity															
							Fee (\$)															
Each claim over 20 (including Reissues)							50															
Each independent claim over 3 (including Reissues)							200															
Multiple dependent claims							360															
							180															
<table style="width: 100%; border-collapse: collapse;"> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee (\$)</th> <th>Fee Paid (\$)</th> </tr> <tr> <td>55</td> <td>- 52 = 3</td> <td>x 50.00 =</td> <td>150.00</td> </tr> </table>							Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	55	- 52 = 3	x 50.00 =	150.00	<table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Multiple Dependent Claims</th> </tr> <tr> <th>Fee (\$)</th> <th>Fee Paid (\$)</th> </tr> <tr> <td>360.00</td> <td>0.00</td> </tr> </table>		Multiple Dependent Claims		Fee (\$)	Fee Paid (\$)	360.00	0.00
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5	- 3 = 2	x 200.00 =	400.00																			
3. APPLICATION SIZE FEE																						
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).																						
<table style="width: 100%; border-collapse: collapse;"> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof</th> <th>Fee (\$)</th> <th>Fee Paid (\$)</th> </tr> <tr> <td>_____</td> <td>- 100 = _____</td> <td>/50 _____ (round up to a whole number) x _____</td> <td>=</td> <td>0.00</td> </tr> </table>							Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)	_____	- 100 = _____	/50 _____ (round up to a whole number) x _____	=	0.00						
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_____	- 100 = _____	/50 _____ (round up to a whole number) x _____	=	0.00																		
4. OTHER FEE(S)																						
Non-English Specification, \$130 fee (no small entity discount)																						
Other (e.g., late filing surcharge): _____																						

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	33,003
Name (Print/Type)	Norman R. Klivans	Telephone	(650) 813-5850
		Date	April 12, 2006



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Dated: April 12, 2006

Signature:

Georgina Matos
(Georgina Matos)

Docket No.: 590282001100
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Feng XIE et al.

Application No.: 10/751,328

Confirmation No.: 7598

Filed: December 31, 2003

Art Unit: 2671

For: INTEGRATING PARTICLE RENDERING
AND THREE-DIMENSIONAL GEOMETRY
RENDERING

Examiner: S. Broome

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

This is in response to the Office Action dated January 20, 2006, for which a response is due April 20, 2006. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

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01 FC:1201 400.00 DA
02 FC:1202 150.00 DA

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